



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D2611

Job Sheet 198874



Part No: D2611

Job Qty: 20 pcs

Part Name: Bearing



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 8/7/19

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 11/15/19

Description:

Type: SOLD

Note: DWG REV C IPP Rev:B 99.06.23 Re-format DM Change to SS; Change Supplier- Rev.C 07.03.14 EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing <i>McMaster</i>	20 pcs	11/15/19		0.00	0.00	Purchasing - 1		<i>At 12/01/19</i>
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Recelve - B4B	20 pcs	11/15/19		0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 -		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S215342



Part: D2611

Job No: 198874

Serial No/Batch: S215342

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 09/19/19

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					B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	At 1702/19
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120 QC 6	20 pcs	11/15/19	0.00	0.00	QC 6 - 9	
					QC 6 - 68	DAS
					QC 6 - 61	61
					QC 6 - 40	9-89
					QC 6 - 81	
130 Packaging 3-1 - Stock - B4B	20 pcs	11/15/19	0.00	0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Plex 8/7/19 7:55 AM Dart.lajeunesse.marie	

				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	PC 5008
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	20 pcs	11/15/19	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	SEP 23 2019 70
				QC 21 - SA - 53	9-89
Part Op 100 - Purchasing - Issue P/O: _____ Purchase part as per Dwg D2611 Possible supplier: McMaster or CTG P/N: Descriptions: 63215K34 110 - Receive & Inspect for Damage & Mat'l Certs - Ensure certificate of conformity is attached 120 - QC6- All purchased or subcontracted products) 130 - Identify as per dwg & Stock Location: _____ 140 - QC21- Final Inspection - Work Order Release					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
63215K34	Bearing (D2611)	20 Ea (1 ea)	100-Purchasing	215 2m	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Purchasing	63215K34	20	0	0	
Part Specifications					
Specifications could not be found.					

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DESIGN 9P	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D2611	REV. C SHEET 1 OF 1
DATE 06.09.20	TITLE BEARING		SCALE NTS
REV	DATE	DESCRIPTION	
A	97.07.31	NEW ISSUE	
B	01.07.04	RE-DRAWN	
C	06.09.20	CHANGE TO SS: CHANGE SUPPLIER	

SPECIFICATION CONTROL DRAWING

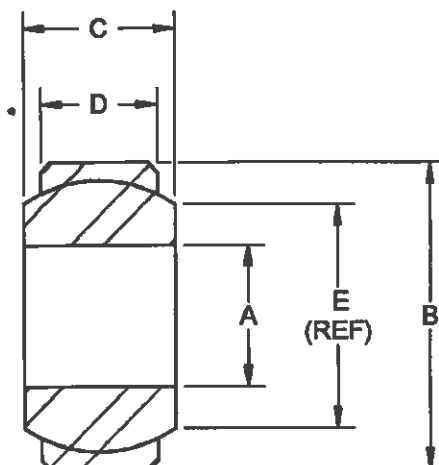
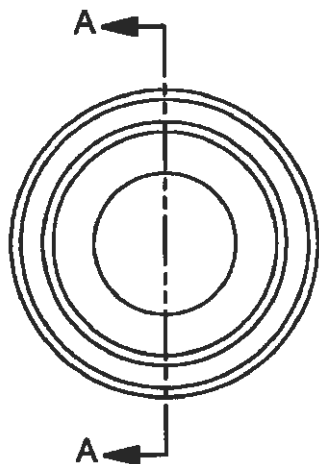
SHOP COPY
RETURN TO
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SUBJECT TO AMENDMENT
WITHOUT NOTICE

19.8874 MLS
14-08-07



RELEASED

06.11.17 H



SECTION A-A



A	B	C	D	E (REF)	POSSIBLE SUPPLIER
0.375	0.813	0.406	0.313	0.592	McMASTER-CARR P/N 63215K34

NOTES:

- 1) STAINLESS STEEL BALL JOINT SWIVEL BEARING
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐				DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐				MRB (QS1042)																																	
Date: _____		Sequence #: _____		QTY Affected: _____		Disposition																																					
Description Work Order Deviation						Completed By																																					
						Lead hand / Supervisor																																					
						QC / QA Coordinator																																					
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐						FAULT CATEGORY <table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>										Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread	Mislabeled	Fit/Function	Off-set/Set-up	
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						Other/Details:																																					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044499



Supplier: MCM001-VU
McMaster-Carr Supply Co.,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044499

PO Date: 9/13/19

Due Date: 9/17/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

E-MAILED
2019-09-13

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		3896T31	50/pk	Ferule 1/16 X 3/8" - Aluminum	Firmed	-	9/17/19	300 Ea	0 Ea	300 Ea	\$0.1312/Ea	\$39.36
									300x	AT	SEP 19 2019	
2		600.0129	75935A651	VHB Tape : 3M VHB Tape 4930 (.025" thick X .5" X 72 yd roll) receive ft	Firmed	-	9/17/19	216 ft	0 ft	216 ft	\$0.72912/ft	\$157.49
									216x	AT	SEP 19 2019	
Line Item Note **SHELF LIFE / EXP DATE REQUIRED**												
3		90145A884	10/pk	Back Spacer Bumper Pin	Firmed	-	9/17/19	10 Ea	0 Ea	10 Ea	\$3.90/Ea	\$3.90
									10x	AT	SEP 19 2019	
4		90248A086	5/pk	Thread-Locking Insert, 1/2-20 Thread X 3/4-10 Tap X 21/32	Firmed	-	9/17/19	5 Ea	0 Ea	5 Ea	\$2.13/Ea	\$10.65
									5x	AT	SEP 19 2019	
5		92905A225	25/pk	Extended Point Set Screw, Dog Point receive ea	Firmed	-	9/17/19	100 Ea	0 Ea	100 Ea	\$0.3288/Ea	\$32.88
									100x	AT	SEP 19 2019	
6		94744A289	5/pk	Washer, Ø1/2 X 1-1/4 O.D.	Firmed	-	9/17/19	5 Ea	0 Ea	5 Ea	\$0.904/Ea	\$4.52
									5x	AT	SEP 19 2019	

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PURCHASE ORDER



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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044499



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
7		96445K241	12/pk	STEEL BELLEVILLE DISC SPRING 9.2 mm ID. X 18 mm OD. X 1 mm THK.	Firmed	-	9/17/19	24 Ea	0 Ea	24 Ea	\$0.3066666/Ea	\$7.36
									24x	At	SEP 19 2019	
8	198874	63215K34		Bearing (D2611)	Firmed	-	9/17/19	20 Ea	0 Ea	20 Ea	\$17.24/Ea	\$344.80
									20x	At	SEP 19 2019	
9		M301S23GA-H50	3543T53 3/SF	301 SS SHEET, 12" x 36", 1/2 Hard Temper, 0.029" Thick	Firmed	-	9/17/19	3 sf	0 sf	3 sf	\$26.77/sf	\$80.31
									3sf	At	SEP 19 2019	
Grand Total:												\$681.27

Order Notes

Procurement Quality Clauses
 A005 RIGHT OF ENTRY
 A016 PERSONNEL QUALIFICATION
 A026 CERTIFICATION OF MATERIAL CONFORMANCE
 A032 DOCUMENT SPECIAL REQUIREMENTS
 A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
 A040 NOTIFICATION OF QUALITY ESCAPE
 A041 QUALITY MANAGEMENT SYSTEM
 A042 DART NOTIFICATION BY SUPPLIER
 A043 RETENTION OF QUALITY DOCUMENTS
 A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
 A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/13/19 11:07 AM Dart.Guerin.Kimberley

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: N/A

Purchase Order
POHB044499

Order Placed By
Kimberley Guerin

McMaster-Carr Number
2173168-02

Page 1 of 1

09/13/2019

Line	Product	Ordered	Shipped
1	3896T31 Wire Rope Compression Sleeve for 1/16" Rope Diameter - Not for Lifting, Packs of 50	6 Packs	6
2	75935A651 Foam Mounting Tape, 3M VHB 4930, 1/2" Wide, 216 Feet Long, White	1 Each	1
3	90145A884 18-8 Stainless Steel Dowel Pin, 1/8" Diameter, 1-1/2" Long, Packs of 10	1 Pack	1
4	90248A086 Black-Phosphate Steel Thread-Locking Insert, Easy-to-Install, 1/2"-20 Thread Size, 3/4"-10 Tap Size, Packs of 5	1 Pack	1
5	92905A225 Alloy Steel Extended-Tip Set Screws, M6 x 1 mm Thread, 30 mm Long, Packs of 25	4 Packs	4
6	94744A289 Zinc-Plated Steel Washer for Soft Material, 1/2" Screw Size, Regular ASME Designation, Packs of 5	1 Pack	1
7	96445K241 Belleville Disc Spring for 9 mm Shaft Diameter, 9.200 mm ID, 18 mm OD, 1 mm Thick, Packs of 12	2 Packs	2
8	63215K34 Corrosion-Resistant Swivel Joint, Lubrication-Free, 3/8" ID, 13/16" OD	20 Each	20

Shipped separately from our Chicago warehouse on 09/13

9	3543T53 Fatigue-Resistant 301 Stainless Steel Sheet with Certification, 12" x 36", 1/2 Hard Temper, 0.029" Thick	1 Each	1
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Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.



Sarah Weinberg
Compliance Manager